

PROJECT DESCRIPTION
GENERAL

THIS PROJECT INVOLVES THE CONSTRUCTION OF A PERMANENT SIGNAL AT THE INTERSECTION OF MD 355 AND MID PIKE PLAZA IN MONTGOMERY COUNTY. MD 355 IS ASSUMED TO RUN IN A NORTH/SOUTH DIRECTION.

INTERSECTION OPERATION

THE INTERSECTION WILL OPERATE IN A SEMI ACTUATED MODE USING SIX NEMA PHASES. AN EXCLUSIVE LEFT TURN PHASE WILL BE PROVIDED FOR NORTHBOUND AND SOUTHBOUND MD 355. THE SIDE STREETS WILL BE SPLIT PHASED.

PEDESTRIAN OPERATION

NAVIGATOR AUDIBLE PEDESTRIAN PUSH BUTTON MOVEMENTS TO CROSS THE EAST, WEST AND SOUTH LEGS OF THE INTERSECTION ARE TO BE PROVIDED. WHEN THE PEDESTRIAN LOCATES AND PRESSES THE BUTTON FOR AN EXTENDED TIME, THE PUSH BUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
NORTH AND SOUTH: "WAIT TO CROSS ROCKVILLE AT MID PIKE PLAZA."
EAST: "WAIT TO CROSS ENTRANCE TO MONTROSE PAVILLION AT ROCKVILLE."
WEST: "WAIT TO CROSS THE ENTRANCE TO MID PIKE PLAZA AT ROCKVILLE."

SPECIAL NOTES

1. THE CONTACT PERSONS FOR THIS PROJECT ARE AS FOLLOWS:

PROJECT CONTACTS:

MR. JEFFREY WENTZ, ASSISTANT DISTRICT ENGINEER - TRAFFIC
PHONE: (301) 513-7358
MR. DUANE BERNDARD, ASSISTANT DISTRICT ENGINEER - CONSTRUCTION
PHONE: (301) 513-7336
MR. VERNON STINNETT, ASSISTANT DISTRICT ENGINEER - MAINTENANCE
PHONE: (301) 513-7304
MR. AUGIE REBISH, UTILITY ENGINEER
PHONE: (301) 513-7350
MR. ROBERT SNYDER, SR. CHIEF TRAFFIC OPERATIONS DIVISION
PHONE: (410) 787-7630

MR. KAMAL HAMUD
MONTGOMERY COUNTY
240-777-8761

MR. STEVE CUSTER
PEPCO CUSTOMER DESIGN
201 W. GUIDE DR.
ROCKVILLE, MD 20850
PHONE: (301) 548-4333

2. MAINTENANCE OF TRAFFIC WILL BE HANDLED BY THE CONTRACTOR UTILIZING THE FOLLOWING STANDARD PLATES FOR TRAFFIC CONTROL: 104.00 - 30, 104.12 - 01, 104.13 - 01, 104.31 - 01, 104.32 - 01, 104.81- 02

EQUIPMENT LIST

A. EQUIPMENT TO BE SUPPLIED BY THE ADMINISTRATION.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
	NONE		

B. EQUIPMENT TO BE FURNISHED AND/OR INSTALLED BY THE CONTRACTOR.

CATEGORY CODE NO.	DESCRIPTION	UNITS	QUANTITY
120500	MAINTENANCE OF TRAFFIC	LS	1
585621	12 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING	LF	760
585625	24 INCH WHITE PREFORMED THERMOPLASTIC PAVEMENT MARKING	LF	180
800000	ADJUST VIDEO DETECTION CAMERA	EA	4
860265	RELOCATE EXISTING SIGNAL HEAD	EA	4

WIRING DIAGRAM

SAME AS PREVIOUS STAGE

PHASE CHART

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22
	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅
	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅	⬅
PHASE 1 AND 5	⬅	⬅	R	R	⬅	⬅	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW
PHASE 1 & 5 CHANGE																						
PHASE 1 AND 6	⬅	⬅	G	G	⬅	⬅	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW
1 AND 6 CHANGE	⬅	⬅	Y	Y	⬅	⬅	R	R	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW
PHASE 2 AND 5	⬅	⬅	R	R	⬅	⬅	G	G	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW
2 AND 5 CHANGE	⬅	⬅	R	R	⬅	⬅	Y	Y	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW
PHASE 2 & 6	⬅	⬅	G	G	⬅	⬅	G	G	R	R	R	R	R	R	R	WK	WK	WK	WK	DW	DW	DW
PEDESTRIAN CLEARANCE	⬅	⬅	G	G	⬅	⬅	G	G	R	R	R	R	R	R	R	FLDW	FLDW	FLDW	FLDW	DW	DW	DW
2 & 6 CHANGE	⬅	⬅	Y	Y	⬅	⬅	Y	Y	R	R	R	R	R	R	R	DW	DW	DW	DW	DW	DW	DW
PHASE 4 & 8	⬅	⬅	R	R	⬅	⬅	R	R	G	G	G	G	G	G	G	DW	DW	DW	DW	DW	DW	DW
PHASE 4 & 8 CHANGE	⬅	⬅	R	R	⬅	⬅	R	R	Y	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW
PHASE 4 & 8 ALT.	⬅	⬅	R	R	⬅	⬅	R	R	G	G	G	G	G	G	G	DW	DW	DW	WK	WK	WK	WK
PEDESTRIAN CLEARANCE	⬅	⬅	R	R	⬅	⬅	R	R	G	G	G	G	G	G	G	DW	DW	DW	FLDW	FLDW	FLDW	FLDW
PHASE 4 & 8 ALT. CHANGE	⬅	⬅	R	R	⬅	⬅	R	R	Y	Y	Y	Y	Y	Y	Y	DW	DW	DW	DW	DW	DW	DW
FLASHING OPERATION	⬅	⬅	FY	FY	⬅	⬅	FY	FY	FR	FR	FR	FR	FR	FR	FR	DARK	DARK	DARK	DARK	DARK	DARK	DARK



STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 355 AT MID PIKE PLAZA
FINAL

GENERAL INFORMATION SHEET

SCALE NONE DATE NA CONTRACT NO. M08905171

DESIGNED BY AMH COUNTY MONTGOMERY

DRAWN BY AF LOGMILE 15036506.50

CHECKED BY JFL 2/4/01 TMS NO. G248

FAP NO. AC-STP-HP-1334(00)E TOD NO.

TS NO. 2280A DRAWING SP- 21 OF 41 SHEET NO. 25 OF 84

